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NOTICE OF ALLOWANCE AND FEE(S) DUE

42717

7590

01/29/2007

HAYNES AND BOONE, LLP 901 MAIN STREET, SUITE 3100 DALLAS, TX 75202

EXA	MINER
GEYER	R, SCOTT B
ART UNIT	PAPER NUMBER
2812	

DATE MAILED: 01/29/2007

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/657 505	09/08/2003	Chii-Ming Wu	TS01-1247	9336

TITLE OF INVENTION: METHOD OF MANUFACTURING A CONTACT INTERCONNECTION LAYER CONTAINING A METAL AND NITROGEN BY ATOMIC LAYER DEPOSITION FOR DEEP SUB-MICRON SEMICONDUCTOR TECHNOLOGY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	04/30/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

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							(Signature)
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CFR 1.363). Change of corresp Address form PTO/SI	ence address or indication ondence address (or Cha B/122) attached. lication (or "Fee Address or more recent) attach	inge of Correspondence	(1) the names of up to agents OR, alternated (2) the name of a single registered attorney or 2 registered patent att listed, no name will be	o 3 registered pater ively, gle firm (having as a agent) and the nam orneys or agents. If	nt attorne a membe nes of up	era 2	
3. ASSIGNEE NAME A PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI	less an assignee is ident th in 37 CFR 3.11. Com	A TO BE PRINTED ON iffied below, no assignee pletion of this form is NO	THE PATENT (print or to the data will appear on the DT a substitute for filing at (B) RESIDENCE: (CIT	patent. If an assigr 1 assignment.			ocument has been filed for
Please check the appropr	riate assignee category or	r categories (will not be p	orinted on the patent) :	Individual 🗆 C	Corporation	on or other private gro	up entity Government
	are submitted: No small entity discount # of Copies	permitted)	b. Payment of Fee(s): (PI A check is enclosed Payment by credit c The Director is here overpayment, to De	ard. Form PTO-203	8 is atta	ched.	
5. Change in Entity Sta						27.0	SP 1 07(1)(2)
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interest as shown by the	records of the United St	ates Patent and Trademar	k Office.	- the applicant, a reg	gistered a		
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A ICXANUNA, VIIVINIA ZZ.	313-1430.	CFR 1.311. The information of U.S.C. 122 and 37 CFR e USPTO. Time will varurden, should be sent to the ONOT SEND FEES OR persons are required to recognition.					by the USPTO to process) g gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, number.



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DALLAS, TX 752	202		2812			
		DATE MAILED: 01/29/200	DATE MAILED: 01/29/2007			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.